



How to realign HP Photosmart D110a scanner

If the scanner is not functioning properly, this guide will provide guidance for realigning the scanner, and allow for proper scanning.

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INTRODUCTION

Considering the steps in this guide were completed by 2 people, it is recommended that this guide is attempted with two or more people

Required Tools

- T-9 Screwdriver
- Needle-Nose Pliers

Recommended

*An Additional Person for step 9



TOOLS:

- [8" Needle Nose Plier](#) (1)
 - [Spudger](#) (1)
 - [T9 Torx Screwdriver](#) (1)
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Step 1 — Printer Hood Assembly



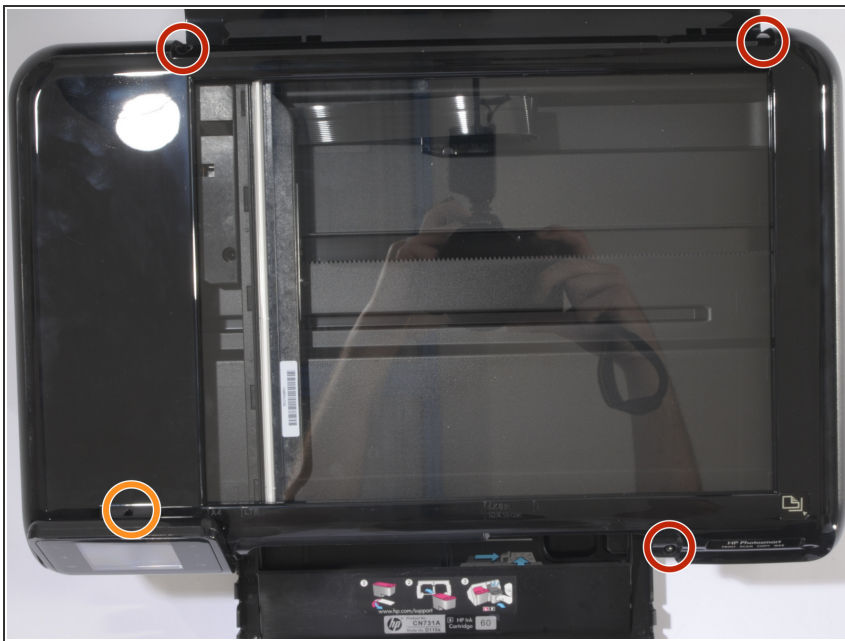
- First, begin by removing the printer's hood.
- Open the printer's mouth by simply pulling down on it; there are 2 mouth pieces that need to be pulled down.
- Adjust the flap covering the scanner upward, as shown.

Step 2



- Remove the flap for the scanner. The flap is attached with two clips that can be dislodged by pulling lightly away from the printer.

Step 3



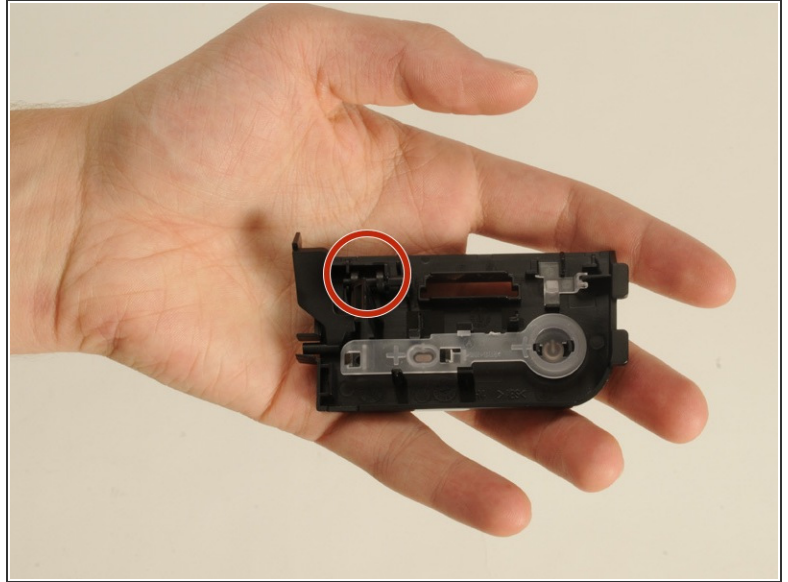
- Locate the three screws on top of the printer.
- The orange circle shows a fourth screw located behind the power panel. Directions to remove this screw are in a later step.

Step 4



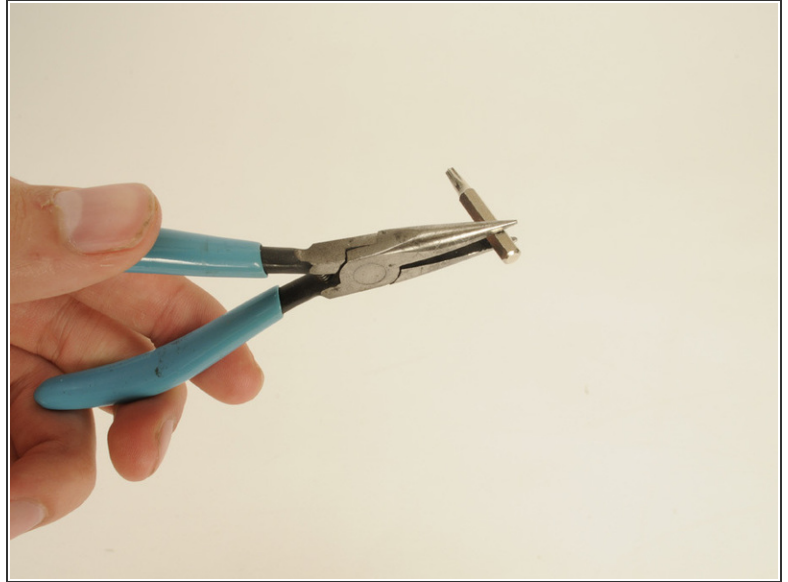
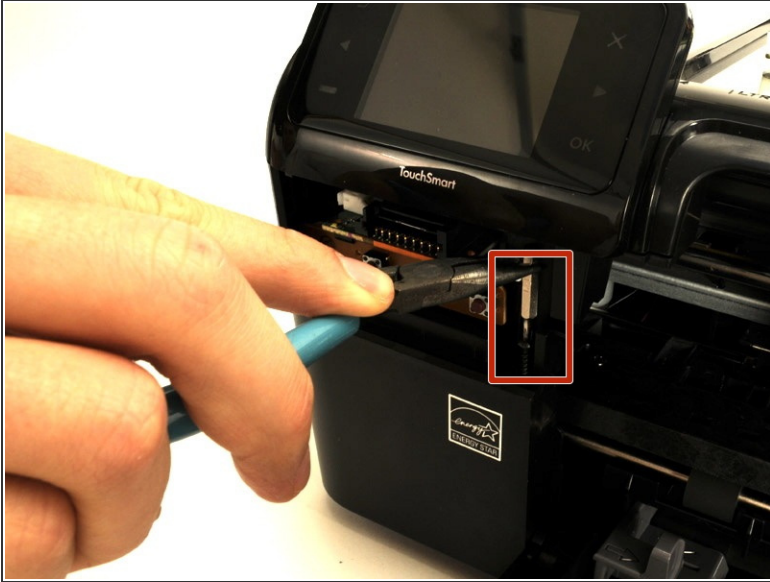
- Remove the three screws from the top of the printer with a T-9 screwdriver as shown.

Step 5



- To access and remove the fourth and final screw attaching the hood, the panel for the power button must be removed as follows:
- Reach into the mouth of the printer and press on the small clip behind the power button. This allows the panel of the power button to be removed.
- ⓘ A picture of the power button panel removed is provided to show the location of the clip that needs to be pressed.
- After pressing the clip, pull out the power button panel by pulling from right to left.

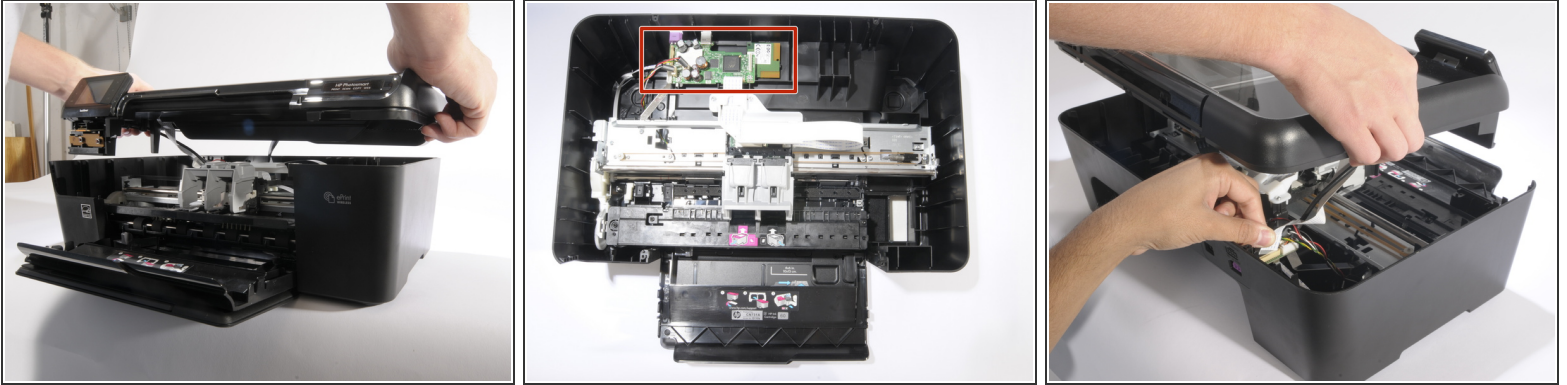
Step 6



- Remove the exposed screw that was covered by the power button panel.

- ⚠ **Do not try and torque the screw from an angle.** This will ruin the screw's head, and make it even more difficult to remove the screw. Only remove it as already described.
- ℹ This screw is placed awkwardly. We found holding a T9 bit in a pair of needle nose pliers gave us enough leverage to pull it up.

Step 7



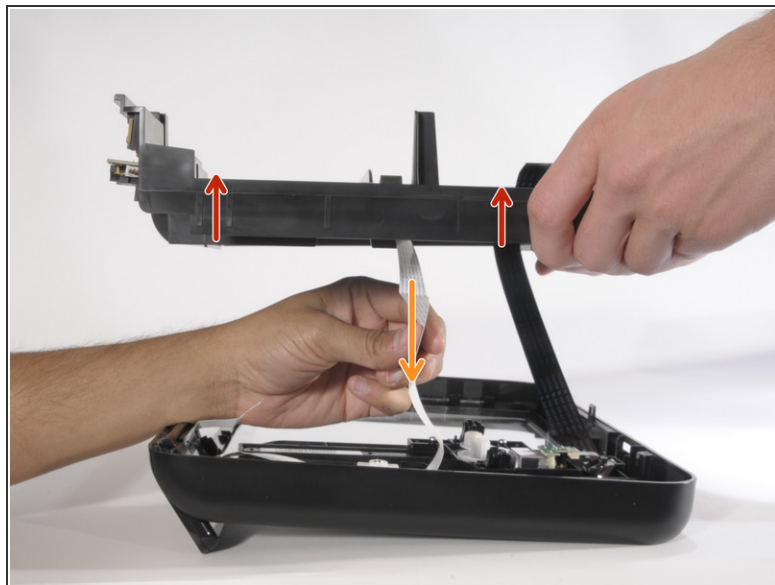
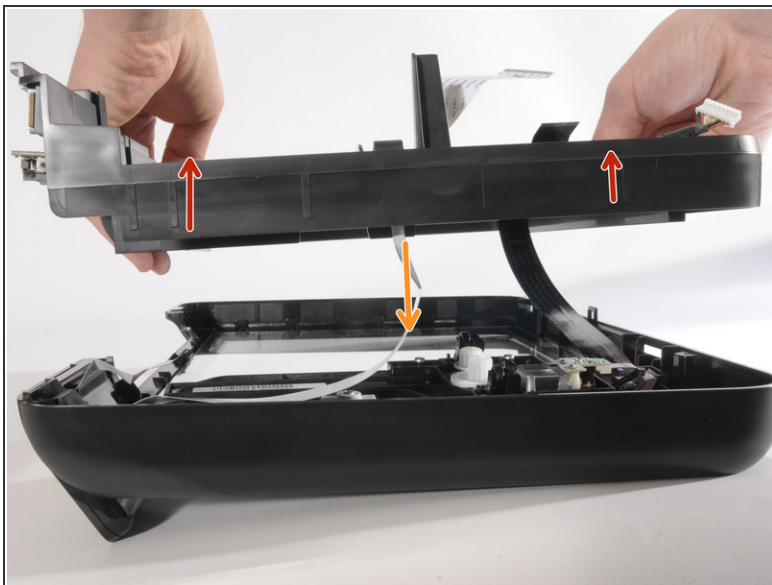
- This step is easier with two people. Carefully have one person lift the hood of the printer 2-3 inches above where it was resting.
- Remove the ribbon cables and wires attaching the motherboard (the only green PCB board) to the hood by gently pulling upward on them.
- When all three cables are removed, lift the hood away from the printer and set it aside.

Step 8 — Disassembling HP Photosmart D110a Printer Hood



- After being separated from the printer, the hood is ready to be disassembled.
- Remove the only screw on the printer hood's underside, as shown. Use a T-9 screwdriver.

Step 9




- With the screw removed, separate the two pieces of the hood by lifting it vertically.


⚠ Only lift the the top piece enough so that there is no tension applied to the ribbon cables shown.

- Carefully pull down the white ribbon cable through the top piece of the hood.

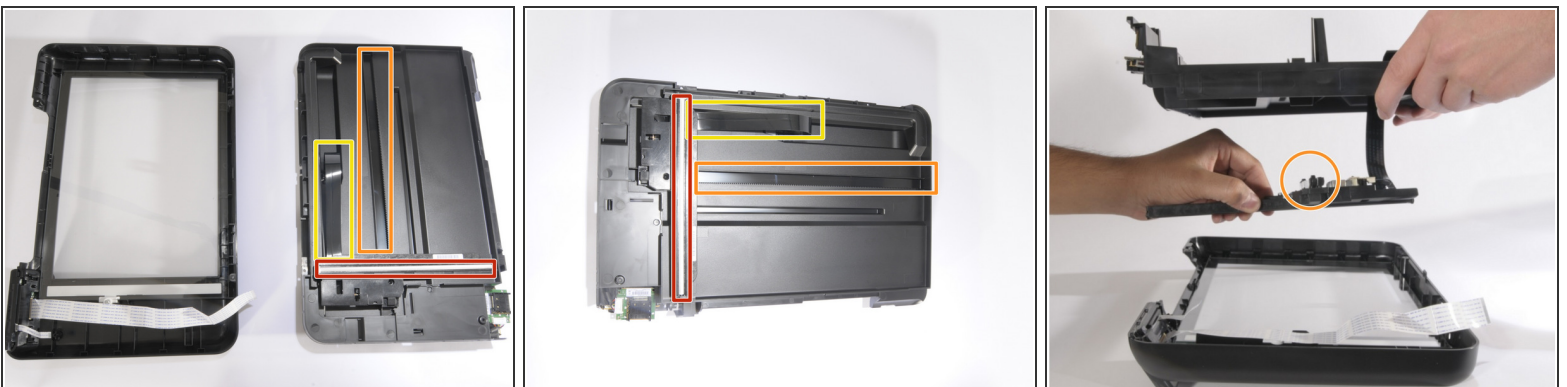
Step 10



 Carefully separate the two hood pieces connected by the black ribbon.

- Set the piece of the hood down such that no stress is applied to the scanner as it is attached by ribbon cable.
-  The printer hood should now be in 2 pieces.

Step 11 — How to realign HP Photosmart D110a scanner



- After having the hood removed and disassembled, locate the scanner.
- Adjust the scanner wheel such that fits into the path.
- If the black ribbon cable is twisted, untwist it so it appears as shown.

To reassemble your device, follow these instructions in reverse order.

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